

# Work Order ID 79825

February-03-12 3:28:56 PM

**\*79825\***

Page 1

Item ID: D3242-1 Accept **\*N900040100\*** Setup Start **\*NS1\***  
 Revision ID: Stop **\*NS2\***  
 Item Name: Tag  
 Start Date: 03/02/2012 Start Qty: 20.00 **\*20\*** Cust Item ID:  
 Required Date: 17/02/2012 Req'd Qty: 20.00 **\*20\*** Customer:  
 Reference:

Approvals: Process Plan: M.C.J. Date: 12/02/10 Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3242	Rev C								

100 PURCHASING 0.00  
**\*100\***  
 Purchasing Memo 0.00  
 Purchasing Issue P/O: 16092 D3242-1 Tag as per Dwg D3242 Material: Hyland Industries M0100840 urethane coated nylon (orange color); use 0.25" high black lettering Possible Supplier: Tulmar Safety Systems Inc. Mat'l #1508 Material release note is required

12-02-10  
(20)

110 Receive & Inspect for Damage & Mat'l Certs 0.00  
**\*110\***  
 Packaging Memo 0.00  
 Packaging Ensure Material Release Note is attached

12/2/10  
(20)

120 QC6- Inspect dimensions to drawing 0.00  
**\*120\***  
 QC Memo 0.00  
 Quality Control

8/12/10

(20)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

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February-03-12 3:28:56 PM

**\*79825\***

Page 2

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Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_ Run Start **\*NR1\***  
 QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_ Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <i>G.A</i>	0.00							
<b>*130*</b>									
Packaging	Memo	0.00							
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
<b>*140*</b>									
QC	Memo	0.00							
Quality Control									

*12/02/10*

*12/2/13*

*12-02-10*  
*(26)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

# Picklist Print

February-03-12 3:29:00 PM

Page 1

Work Order ID: 79825

\*79825\*

Parent Item: D3242-1

\*D3242-1\*

Parent Item Name: Tag

Start Date: 03/02/2012

Required Date: 17/02/2012

Start Qty: 20.00

Required Qty: 20.00

## Comments:

IPP A04.02.20New issueKJ/DS

IPP Rev:B 08-03-18 chg to revC DD verified by:

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3242-1P

Purchased

No

100

Each

0.0000

1

20

\*D3242-1P\*

\*\*

Tag

C12/4/9/20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

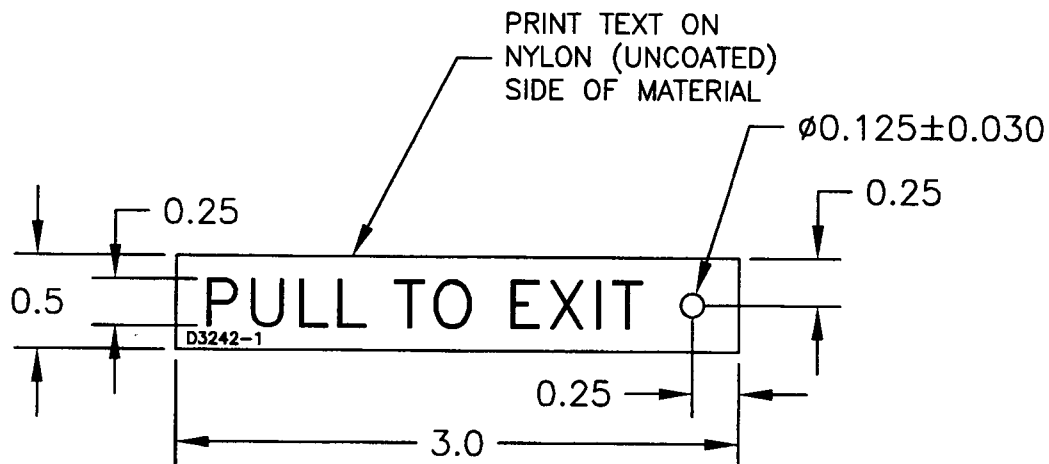
**NOTE:** Date & initial all entries

**DART**

DESIGN #1	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED #	DRAWING NO. D3242	REV. C SHEET 1 OF 1
DATE 07.04.03	TITLE TAG		SCALE 1:1
A	04.01.06	NEW ISSUE	
B	04.02.09	RE-DESIGN	
C	07.04.03	CORRECT/UPDATE MATERIAL; ADD TOL; ADD 0.25 DIM; SPECIFY PRINTING SIDE	

**RELEASED**

07.04.09

**D3242-1 TAG**

NO. ~~79825~~ 79825 M.C.J  
12/02/06

**NOTES:**

- 1) MATERIAL: HIGHLAND INDUSTRIES M0100840 URETHANE COATED NYLON, ORANGE  
(REF TULMAR MATERIAL #1508)  
OR  
LAMCOTEC COATING TECHNOLOGIES INC. 200 DENIER URETHANE COATED  
NYLON, #310 ORANGE (REF TULMAR MATERIAL #1703)
- 2) ALL DIMENSIONS ARE IN INCHES
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries





Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO16092**

Purchase Order Date 2/6/2012

PO Print Date 2/6/2012

Page Number 1 of 1

Order From :

VC-TUL001

TULMAR SAFETY SYSTEMS  
1123 CAMERON ST  
HAWKESBURY, ON K6A 2B8  
CA

Contact Name		Buyer	Brigitte Golden
Vendor Phone	613 632 1282	Requisition Nbr	
Vendor Fax	613 632 2030	Tax Resale Nbr	10127-2607
Vendor Account Nbr		Terms	Net 30
		Currency	CAD
		FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
	D3242-1P	Tag	2/17/2012 Yes	20.00 Each		\$11.9500	\$239.00

Special Inst: As per DWG: D3242  
Rev: C  
B79825  
M0100840 urethane coated nylon(orange  
color), use 0.25" high black lettering

PO Total: \$239.00

Change Nbr: 1

Change Date: 2/6/2012

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required when applicable

# PACKING SLIP

# TULMAR

Tulmar Safety Systems Inc.  
1123 Cameron Street  
Hawkesbury, ON K6A 2B8 CA  
Tel: 613-632-1282  
Fax: 613-632-2030  
MID : XOTULSAF1123HAW  
email: info@tulmar.com

Packing Slip No.

**42945**

Ship Date

8-Feb-12

Bill To:

**Dart Aerospace**

1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7. Canada

Ship to:

**Dart Aerospace**

1270 Aberdeen Street  
Tel: 613-632-5200  
Hawkesbury, ON K6A 1K7. Canada

**Order number**

28117

**Sales order date**

6-Feb-12

**Account number**

CDART100

**Account manager**

Brian Le Huquet

**PO number**

PO16092

**Ship Via**

Pick-Up

**Shipping Terms**

FOB HAWKESBURY

**Item No.**

**Quantity ordered**

**UOM**

**Qty Shipped/Returned**

**Quantity on back order**

**Description**

5385  
Label Dart, Black letters/Size 3"x 1/2"  
Drawing No: D3242 (P/N D3242-1)  
DWG Rev: C  
Lot No: BATCH0000000022 Qty: 20

20

EA

20

Shipper

Date:

02/08/12

**Certificate of Conformance**

☒ See Certification Enclosed

I hereby certify that the items listed hereon have been inspected, and / or tested (as applicable), conform to all specifications and requirements detailed in the contract or purchase order. Objective evidence to support this statement is on file, and can be made available upon request.  
If any questions or concerns, please contact QA Manager @ 613-632-1282 ext. 245.

Authorized Inspector

*Kenneth Lanthier*

Date:

02/08/12



Laboratory Report Number: TULM001 - 25675

Lamcotec Factory Order Number: 17085

**TULMAR SAFETY SYSTEMS, INCORPORATED  
1123 CAMERON STREET  
HAWKESBURY, ONTARIO K6A 2Y2  
CANADA**

Product Description:

**Heat Sealable Urethane  
#310 FL Orange, 200 Denier Nylon Oxford  
Fed. Std. 595B #38903**

Tulmar Specification Number:	Mil-C-83489 / 1 - Modified
LCT Specification Number:	2493
Tulmar Order Number:	6949/02
LCT Invoice Number:	25675
LCT Manufacturing Date	03/20/2004
LCT Lab Report Date:	03/22/2004
Width, Inches:	58
Width, Centimeters:	147
Number of Rolls:	12
Number of Net Lineal Yards:	1663
Number of Net Lineal Meters:	1521
Bill of Lading Number:	12549

**TEL: (413) 267-4808    FAX: (413) 267-5265**  
**152 BETHANY RD. PO BOX 279 MONSON, MA 01057**

*TSS 1703/0  
Page 1 of 5*

Test Reference:

Mil-C-83489/1 Notice 2 Modified, May 11, 1990, Fed-STD 191A,  
 Mil-STD 810E

Compliance Certificate:

- I hereby certify that the materials tendered by this report have been manufactured and tested in compliance with the aforementioned specifications.
- Dyed base fabric and urethane pigments of this product were purchased by Lamcotec under the stipulation that they do not contain "AZO" compounds. ("AZO" list available upon request)
- This product is not intended for manufacturing devices used for the containment of food or drinking water.
- Urethane films and coating of this product were purchased by Lamcotec under the stipulation that they have been produced in a repeatable manner. However, due to the nature of the materials used to produce urethane films some variations may occur. Lamcotec cannot be held liable for customer variation in sealing.
- Due to the nature of the material and susceptibility to various storage conditions, Lamcotec is unable to supply a shelf life to our laminates. However, under normal and proper storage, protection from outside elements, and ultra violet lighting the material should store for extended periods of time without adverse effects.

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
<b>Items Required By Mil-C-83489 / 1 Notice 2 - Modified, May 11, 1990</b>			
1. Base Fabric Weight	5041	<u>3.0</u> Ounces / Square Yard	3.0 Nominal
		<u>102.1</u> Grams / Square Meter	101.7 Nominal
2. Total Weight	5041	<u>7.0</u> Ounces / Square Yard	6.5 Minimum 7.5 Maximum
		<u>236.7</u> Grams / Square Meter	220.4 Minimum 254.3 Maximum
3. Tongue Tear	5134	<u>6</u> Pounds (f)	4 Min. Warp 3 Min. Weft
		<u>4</u>	
		<u>27</u> Newtons (f)	16 Min. Warp 11 Min. Weft
		<u>18</u>	

TSS # 1702/00

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
4. Breaking Strength	5100	<u>245</u> Pounds (f) / Inch <u>220</u> <u>1073</u> Newtons (f) / 25 Millimeters <u>963</u>	200 Min. Warp 170 Min. Weft 876 Min. Warp 744 Min. Weft
5. Breakaway Adhesion (RF Weld) Film to Film	Mil-C-83489 4.4.1	<u>74</u> Pounds (f) / Inch <u>324</u> Newtons (f) / 25 Millimeters	32 Min. Warp 140 Min. Warp
6. Air Retention (Film Side Only)	Mil-C-83489 4.4.2	<u>Pass</u> <u>Pass</u>	No Leaks / 10 PSI / 5 Minutes No Leaks / 69 KPA / 5 Minutes
7. Low Temperature	Mil-C-83489 4.4.3	<u>Pass</u>	No Cracking Flaking or Separation
8. Blocking	5872	<u>Pass</u>	Scale Rating - #1 or #2
9. Breaking Strength After Humid Aging	Mil-C-83489 4.4.4 5100	<u>Test</u> Pounds (f) / Inch <u>In</u> <u>Process</u> Newtons (f) / 25 Millimeters	160 Min. Warp 136 Min. Weft 700 Min. Warp 595 Min. Weft
Items Not Required By Mil-C-83489 / 1 Notice 2 Modified, May 11, 1990			
10. Elongation at Break	5100	<u>48</u> % <u>67</u> %	No Requirement Warp No Requirement Weft
11. Strip Adhesion (Heat Sealed) Film to Film	5970	<u>55</u> Pounds (f) / Inch <u>241</u> Newtons (f) / 25 Millimeters	15 Min. Warp 66 Min. Warp

TSS # 1703/02

(3)

Test	Test Method	Result	Lamcotec Quality Control Production Requirement
12. Hydrostatic	5512	<u>235</u> Pounds (f) / Square Inch	170 Minimum
		<u>1620</u> Kilopascals	1172 Minimum
13. Hydrostatic Low Pressure	5514	<u>Pass</u>	No Leaks / 1.5 PSI / 5 Minutes
		<u>Pass</u>	No Leaks / 10 KPA / 5 Minutes
14. Mildew Resistance	Mil-STD.810E	<u>Pass</u>	No Fungal Growth Minimum
	MTD 508.4		

BS #1703/02 (4)

Signed \_\_\_\_\_

Richard J. Anderson, Jr.  
Vice President - Operations

Signed \_\_\_\_\_

Richard J. Malo  
Quality Control Manager

Signed \_\_\_\_\_

Lm  
Laboratory Clerk  
Initials

Distribution:

Copy - Tulmar - Shipment

Copy - Tulmar - Mail

Copy - Laboratory

Update: 10/30/2003

TBS # 1703/02

(5)



THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6  
Tel: 905-470-0744 Fax: 905-470-9454



## Certificate of Compliance

DATE: JAN. 13 2012OUR PROD. NO.: 11025 (1016G)CUSTOMER P/O NO.: 22446-00CUSTOMER: Tulmar Safety Systems Inc.PRODUCT: TW MULTI PLASTIC INKQTY. SHIPPED: 1 GALLONLOT NO.: 061511026ROLL NO.:                     MANUFACTURING DATE: JUNE 15th 2011SHELF-LIFE: 5 YEARS

We certify that the product,

11025 BLACKTW MULTI PLASTIC INK

was manufactured, inspected and conforms to specifications  
applicable to the product.

Signature: Title: SHIPPER

TSS 7306 / 29  
TULMAR

JAN 17 2012

AC

0507-259-519

FZ: 101 2002/00/11





THE

**DISCOVERY/LANCER GROUP**

1-145 Riviera Drive, Markham Ontario L3R-5J6

Tel: 905-470-0744

Fax: 905-470-9454



## Certificate of Compliance

DATE: JUNE 23 2011

OUR PROD. NO.: TW-1091-4

CUSTOMER P/O NO.: 20699-00

CUSTOMER: Tulmar Safety Systems Inc.

PRODUCT: TW MULTI PLASTIC RETARDER

QTY. SHIPPED: 1 LITRE

LOT NO.: 311330

ROLL NO.:                     

MANUFACTURING DATE: MARCH 2011


SHELF-LIFE: 5 YRS

We certify that the product,


TW-1091-4

TW MULTI PLASTIC RETARDER

was manufactured, inspected and Conforms to specifications  
applicable to the product.

Signature: 

Title: SHIPPER

TSS # 7306-RET/08 

0507-259-579

02:07

2007/06/11